

### Figure 1

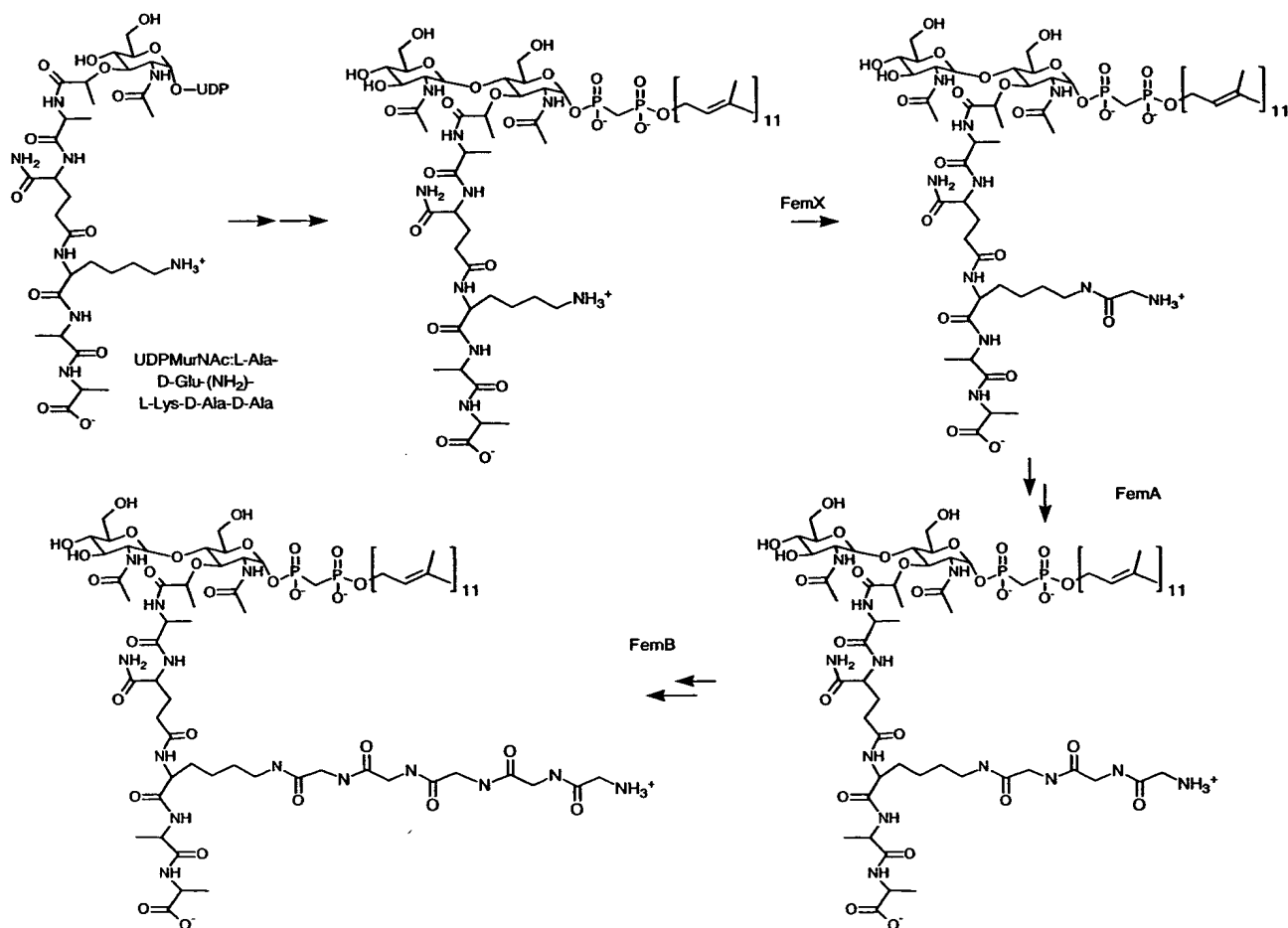
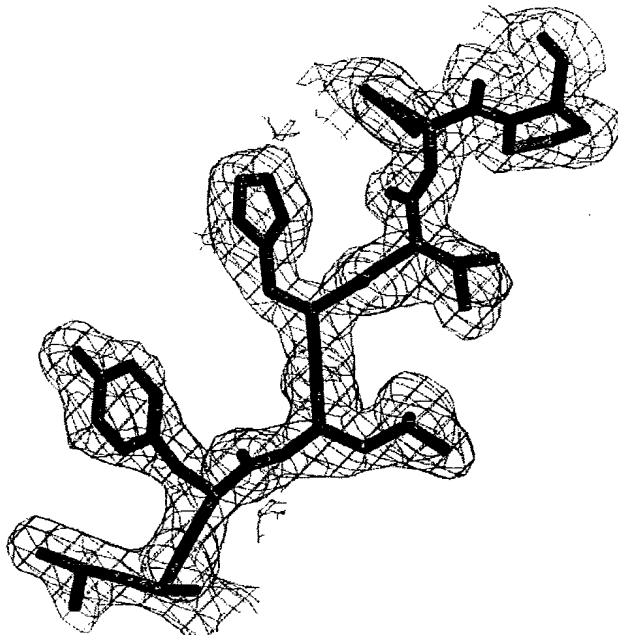


Figure 2

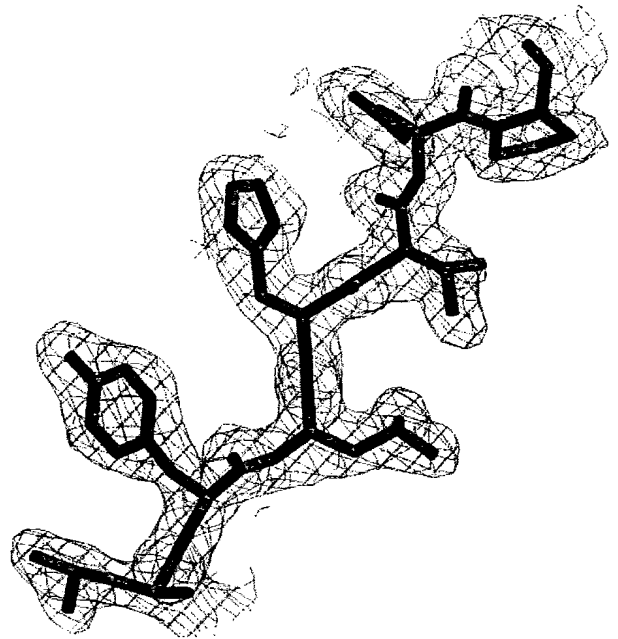
1	femA	(1) MKF T EEEFTN TKK--HFKHYTQSIELYNYNKINHEAH KNDKNEVIAACLL EARIFKFKYKFFYSHR	75
SEQ ID NO: 1	femB	(1) MKF E VTEFDN VQNP SLESHYFQVKENIVT ENDGFVV KDDNNK VIAASLF KIPTMGSYVY-YSNR	
SEQ ID NO: 2	femhB	(1) MEKMH NQEHDA VKS-HPNGDLLQLT KWAET KLTGWYARR GRDGEVQGVQALLFKKVPKLPYTLCLYISR	
SEQ ID NO: 3	consensus	(1) MKFS LT EFDNFVK HY Q E TR G EA IIGVK D N VIAA LLSK Y Y YS R	
76	femA	(74) GP D FDAKL CY FKELSK YKN L DPYL ENLRDANGR IKN-YNV K LGK G LHQG TTG	150
	femB	(75) GP D SDLGL DY LKELDK QHQH K DPYW YHLYDKDIVPFEGREKNDANFKSHG EHHG TTE	
	femhB	(75) GF D SNKEA NALLDSAKEIAKAE YAK DP-----DVE DKG-----DA QNLKA G KHKG KEG	
	consensus	(76) GPVLDYS L VYFLKEL KFI KALFIKIDPY I L D D I KG NS IV LLK IGY H GFTTG	
151	femA	(148) YSNKSO RW DLKDKD NQLLKEM YQT RN KT EIGVKVEDLSI ETNRFYKL Q AEE HGFHFMND	225
	femB	(150) YDTSSQ RW G NLEKTPETLKKTF SQ RN NKA NYGVKVRFLER EFNLFDLI RETEE AGFVSKTD	
	femhB	(137) LSKDYIQPR TPIDKN DELLNSF RRNSK LA KRGTTVERSDR GLKTF AELMK TGE DGFLTRDIS	
	consensus	(151) YS SQIRWMSVL L DK D LLK FE Q RRNIKKAI GVKVE L REE N F LF ITEER GF DD	
226	femA	(223) YFKR Q IYK K KACNLN--EYQDK KIQLLK ENE MT RA NENP- K KSK NQL MQ SI N	300
	femB	(225) YFYNFI TYG KV P AY DLD--EYVLK QQELNDKENRRDQ MAKENK-----D MKR AELDKQ DHD H	
	femhB	(212) YFEN Y ALH D DAE FL KLDPKENIAK NQELNE HAE AKW QK ETSEK K AQNMINDA NK KNED	
	consensus	(226) YF NI D Y DKALL LA I LD EY KL QELN IENEI MN KLN NSKN KIN LN QIA N	
301	femA	(295) R SKTEELILEDGF DL A CTDEYVYLSS SNPK NO GA H Q HM KYA SHNINRYNFG GVF	375
	femB	(294) E LNASLSKTDGF NL SGV FANAYEVNYSFSG SSEK NO GP M H FM NYCFDNGYDRYNFYG GDF	
	femhB	(287) LKRDLEALEKEHPEG YL G L FAGSKSYLYG SSNE RD PN H Q TM KYA EHGATTYDFGGTDNDP	
	consensus	(301) I EEL KEDGPIL LAAALFI EYVYLSGSS KYNQFMG YHMOW MIKYAK HG RYNFYGISGDF	
376	femA	(370) N D G QQFK G NA EELIG FIKP RP LYKFAKL YK-----	435
	femB	(369) EN D G YRFK G NVQ EELIG FYKP HK KYWLF TT DK RKKLKK-----	
	femhB	(362) DK S H G WAFK V GT SEKIG FDYI NQPLYQLIEQ KPRLT KAKIKISRKLKRK	
	consensus	(376) S DSEDYGV FKKGFN HIEELIGDF KPI ILY L I KL K K	

**Figure 3**

a.



b.



FOI b7D b7C b6D

**Figure 4**

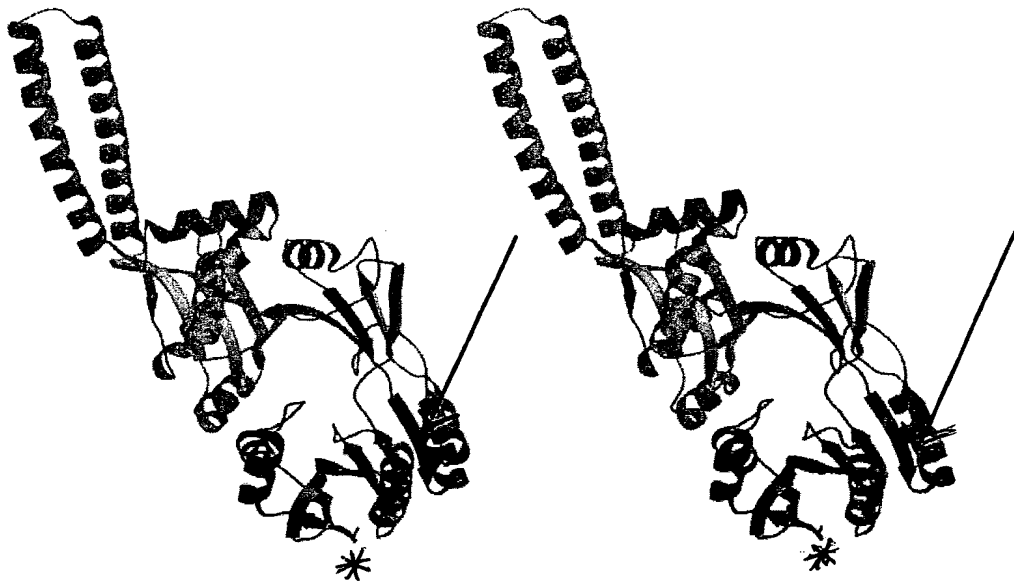
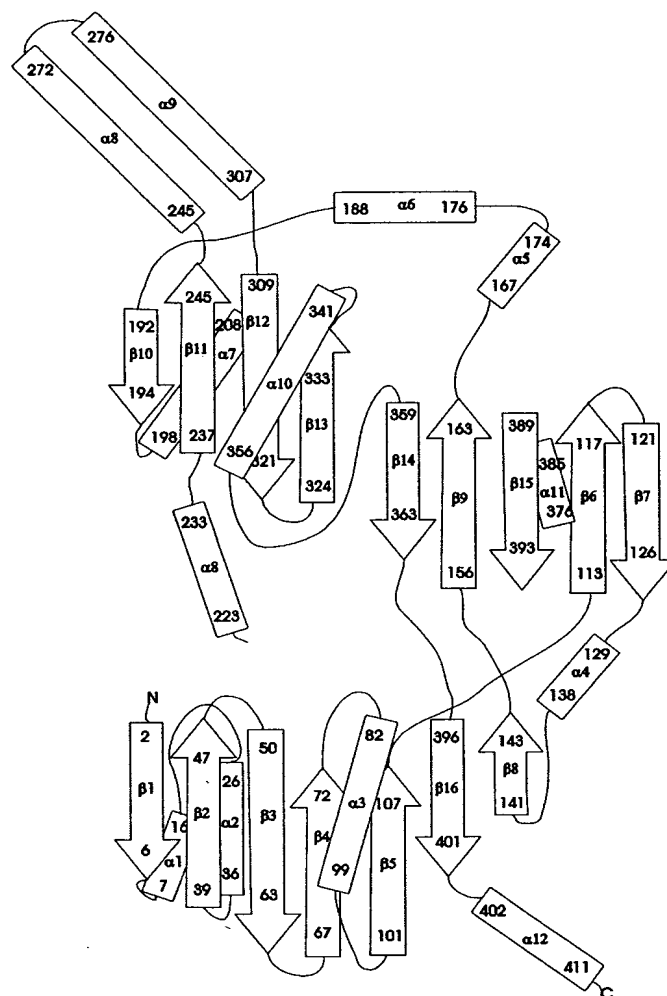
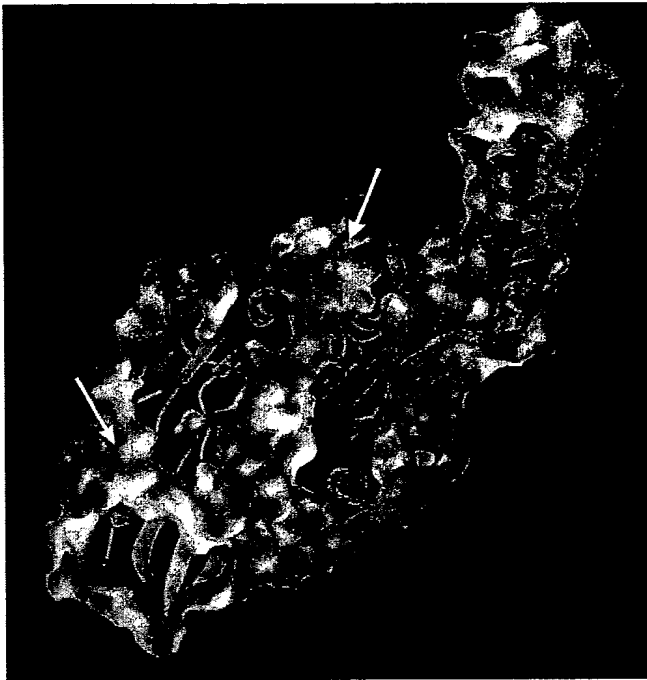


Figure 5

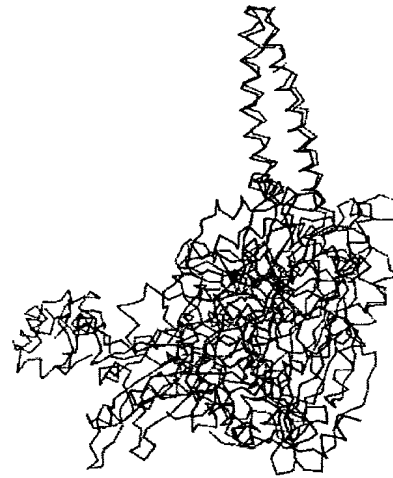
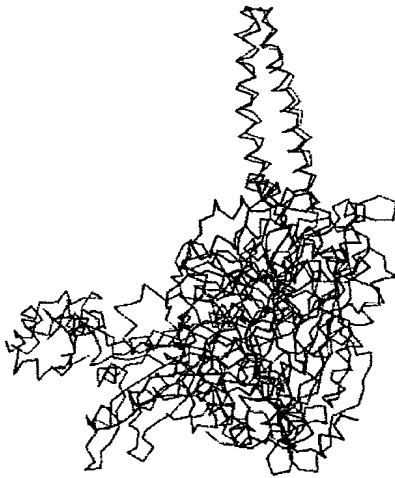


**Figure 6**



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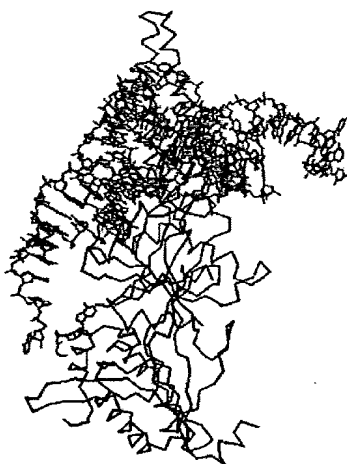
Figure 7 a.



b.



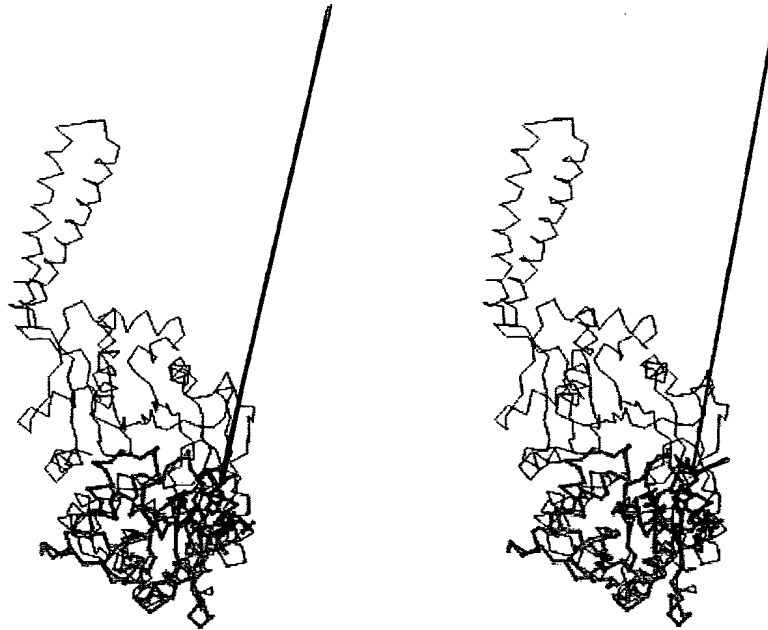
c.



776904495

**Figure 8**

a.



b.

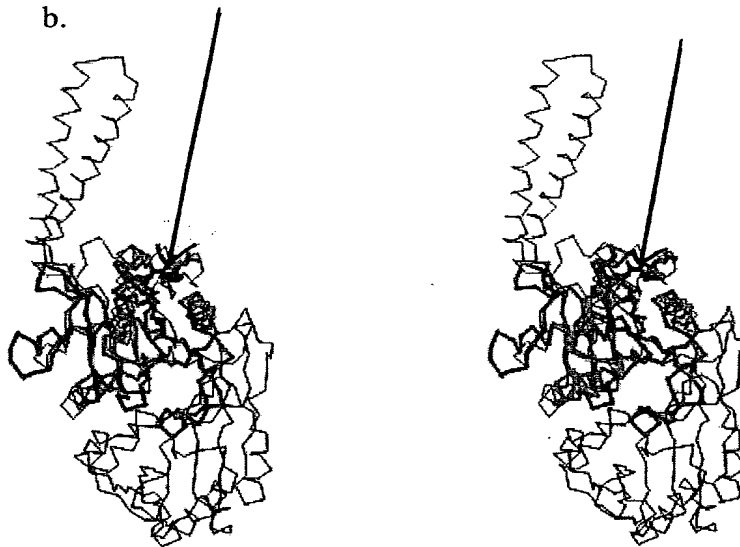
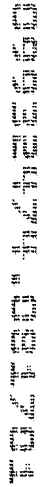


FIG. 8

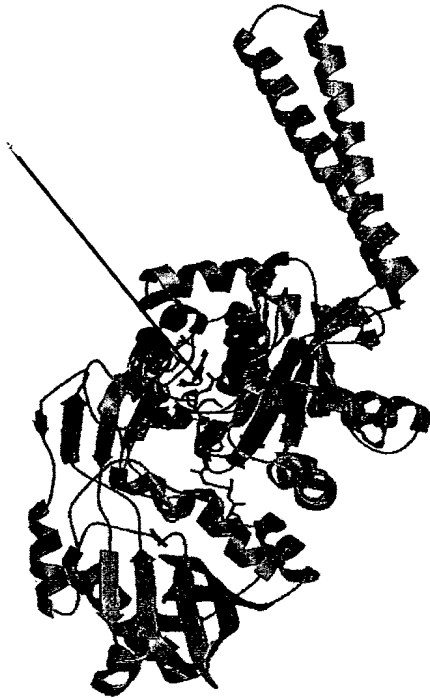


### Figure 9

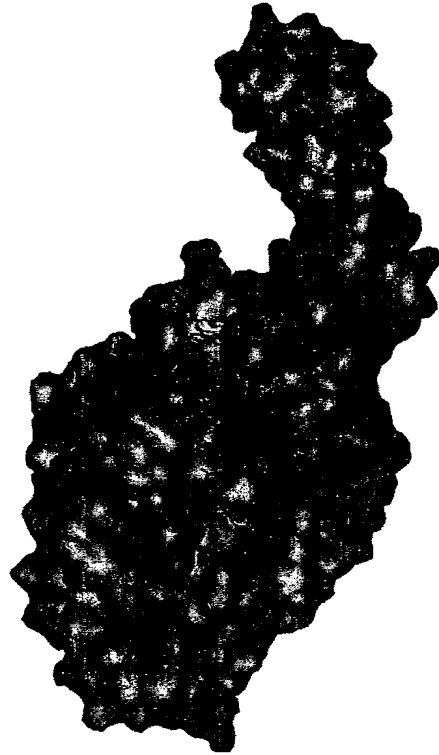


**Figure 10**

a.



b.



c.

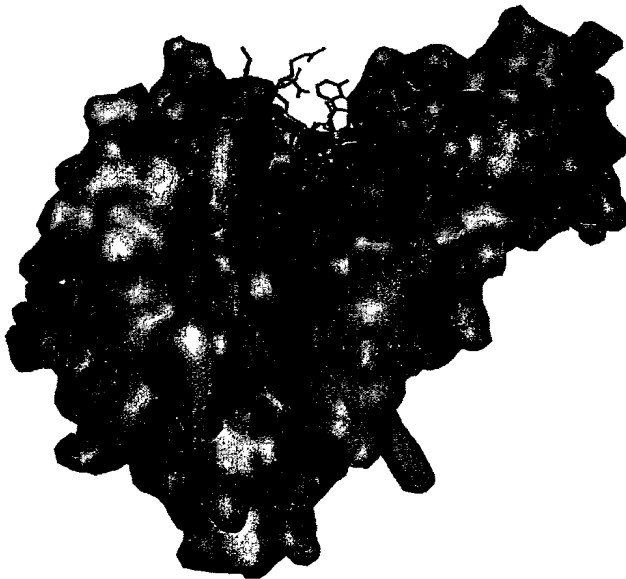
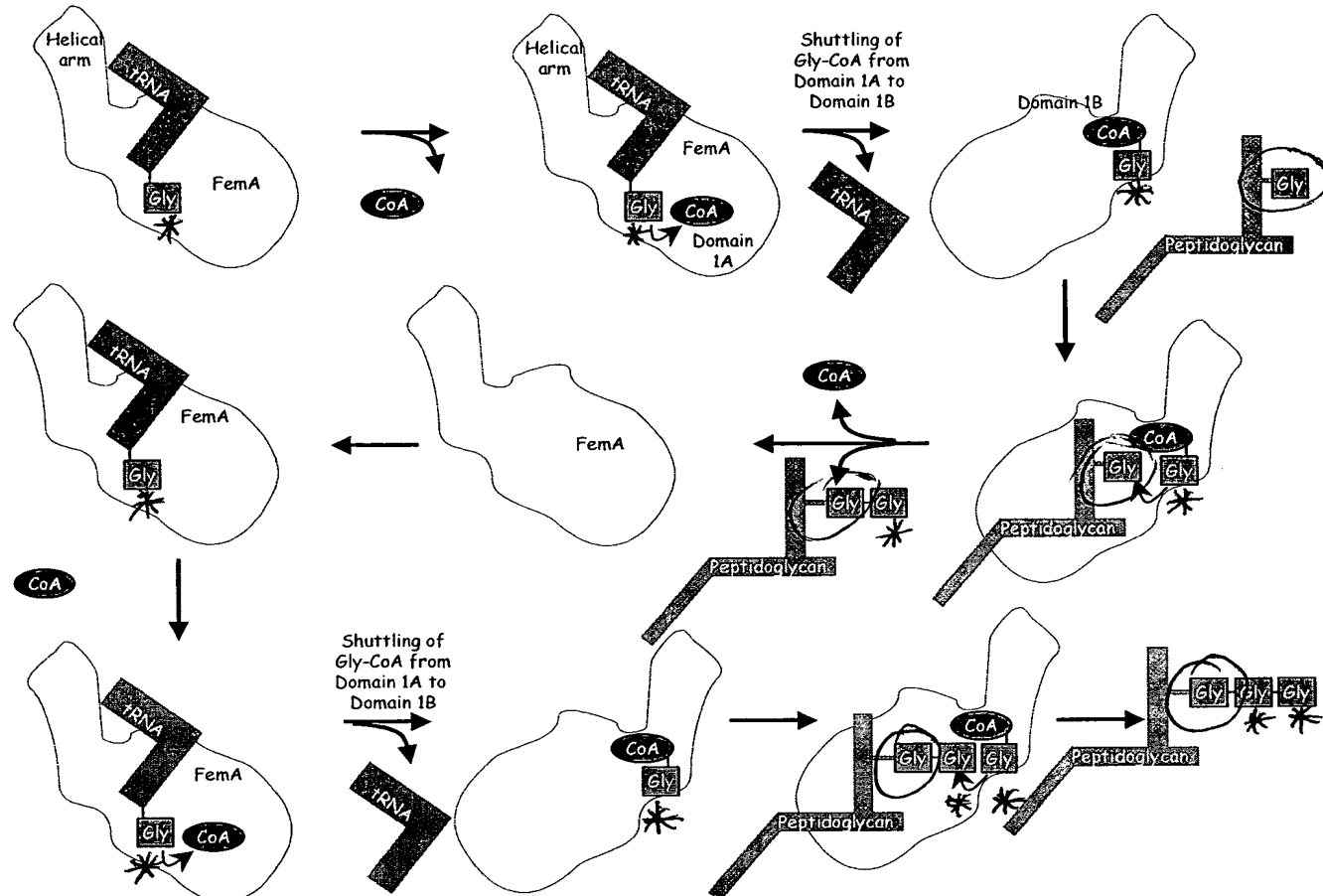


FIG. 10

Figure 11



[illegible]